

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE  
(REV. 2-2005)

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

1557-2 PCT/US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**10/538709**INTERNATIONAL APPLICATION NO.  
PCT/AU02/01669INTERNATIONAL FILING DATE  
10 December 2002 (10.12.2002)PRIORITY DATE CLAIMED  
Withdrawn

## TITLE OF INVENTION

**METHOD OF PROCESSING MARINE MAGNETIC GRADIENT DATA AND EXPLORATION METHODS  
USING THAT DATA**

## APPLICANT(S) FOR DO/EO/US

Y. Zeng, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☒ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☒ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express-Mail Label No. **EV481317035US**
23. ☒ Other items or information:

Itemized Return Postcard; Certificate of Mailing by Express Mail

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. <b>10/538709</b>		INTERNATIONAL APPLICATION NO. <b>PCT/AU02/01669</b>		ATTORNEY'S DOCKET NUMBER <b>1557-2 PCT/US</b>	
The following fees are submitted:				<b>CALCULATIONS</b>	<b>PTO USE</b>
24. <input checked="" type="checkbox"/> Basic national fee ..... \$300				\$ 300.00	
25. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). ..... \$100 All other situations. .... \$200				\$ 200.00	
26. <input checked="" type="checkbox"/> Search fee ..... Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100 International Search Report prepared and provided to the Office ..... \$400 All other situations. .... \$500				\$ 400.00	
<b>TOTAL OF 24, 25 and 26 =</b>				\$ 900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
- 100 =	0	/50 = 0	x \$250.00	\$ 0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	36 - 20 =	16	x \$50.00	\$ 800.00	
Independent claims	4 - 3 =	1	x \$200.00	\$ 200.00	
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				\$ 0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,900.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ 0.00	
<b>SUBTOTAL =</b>				\$ 1,900.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 0.00	
<b>TOTAL NATIONAL FEE =</b>				\$ 1,900.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$ 0.00	
<b>TOTAL FEES ENCLOSED =</b>				\$ 1,900.00	
				Amount to be	\$
				Amount to be	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <b>1,900.00</b> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>08-2461</b> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
<b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</b>					
SEND ALL CORRESPONDENCE TO: <b>Salvatore J. Abbruzzese, Esq.</b> <b>Hoffmann &amp; Baron, LLP</b> <b>6900 Jericho Turnpike</b> <b>Syosset, NY 11791</b> <b>(973) 331-1700</b>					
				SIGNATURE	
				<b>John S. Sopko</b>	
				NAME	
				<b>41,321</b>	
				REGISTRATION NUMBER	

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Zeng, et al.

Docket No. 107538709

1557-2 PCT/US

JC17 Rec'd PCT/PTO 10 JUN 2005

Application No.

Unassigned

Filing Date

Herewith

Examiner

Unassigned

Customer No.

23869

Group Art Unit

Unassigned

Invention:

**METHOD OF PROCESSING MARINE MAGNETIC GRADIENT DATA AND EXPLORATION METHODS USING THAT DATA**

I hereby certify that the following correspondence:

**Transmittal Letter to the U.S. Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371, Change of Correspondence Address, Information Disclosure Statement and Form PTO-1449, Preliminary Amendment, Check, Itemized Postcard, Copy of WO 03/052460A1, International Search Report***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

June 10, 2005*(Date)*K.J. Goodhand*(Typed or Printed Name of Person Mailing Correspondence)*K. J. Goodhand*(Signature of Person Mailing Correspondence)*EV 481317035US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

Doc Code:

JC17 Rec'd PCT/PTO 1.0 JUN 2005

Approved for use through 07/31/2006. OMB 0951-2088

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# CHANGE OF CORRESPONDENCE ADDRESS Application

Address to:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Application Number	Unassigned 10/538709
Filing Date	Herewith
First Named Inventor	Y. Zeng
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	1557-2 PCT/US

Please change the Correspondence Address for the above-identified application to:

The address associated with  
Customer Number:

23869

OR

Firm or  
Individual Name

Address

City

State

ZIP

Country

Telephone

Fax

This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

I am the :



Applicant/Inventor.



Assignee of record of the entire interest.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).



Attorney or Agent of record. Registration Number \_\_\_\_\_



Registered practitioner named in the application transmittal letter in an application without an  
executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number 41,321

Signature

John S. Sopko

Typed or Printed John S. Sopko

Date

June 10, 2005

Telephone

(973) 331-1700

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

\*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2